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A UNIT OF PECO ENERGY

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T.S.6.9.1.6

June 12, 1997

Docket Nos. 50-352
50-353
License Nos. NPF-39
NPF-85

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Limerick Generating Station
Monthly Operating Report For Units 1 and 2

Enclosed are the monthly operating reports for Limerick Units 1 and 2 for the month of May 1997 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

James D. von Suskil
Director - Site Engineering

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Enclosures

cc: H. J. Miller, Administrator, Region I, USNRC
N. S. Perry, USNRC Senior Resident Inspector LGS
W. G. MacFarland, Vice President, LGS

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Limerick Generating Station
Unit 1
May 1 through May 31, 1997

I. Narrative Summary of Operating Experiences

Unit 1 began the month of May 1997 at a nominal 100% of rated thermal power (RTP).

On May 3, 1997 at 0104 hours, power was reduced to 98% of RTP for main turbine valve testing. Power was restored to 100% RTP at 0206 hours.

On May 10, 1997 at 0145 hours, power was reduced to 98% of RTP for main turbine valve testing. Power was restored to 100% RTP at 0412 hours.

On May 17, 1997 at 0400 hours, power was reduced to 98% of RTP for main turbine valve testing. Power was restored to 100% RTP at 0535 hours.

On May 18, 1997 at 0054 hours, power was reduced to 92% of RTP for main steam valve testing. Power was restored to 100% RTP at 0605 hours.

On May 24, 1997 at 0015 hours, power was reduced to 98% of RTP for main turbine valve testing. Power was restored to 100% RTP at 0127 hours.

Unit 1 ended this month operating at 100% RTP.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety Relief Valves during the month of May.

AVERAGE DAILY POWER LEVEL

DOCKET NO. 50 - 352
 UNIT LIMERICK UNIT 1
 DATE JUNE 12, 1997
 COMPANY PECO ENERGY COMPANY
 BRUCE E. CANFIELD
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3794

MONTH MAY, 1997

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	1078
2	1127
3	1050
4	1085
5	1089
6	1102
7	1096
8	1104
9	1105
10	1108
11	1112
12	1101
13	1109
14	1108
15	1105
16	1113

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	1108
18	1088
19	1096
20	1104
21	1108
22	1108
23	1108
24	1100
25	1103
26	1103
27	1107
28	1103
29	1107
30	1100
31	1099

OPERATING DATA REPORT

DOCKET NO. 50 - 352
 DATE JUNE 12, 1997
 COMPLETED BY PECO ENERGY COMPANY
 BRUCE E. CANFIELD
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3794

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 1
2. REPORTING PERIOD: MAY, 1997
3. LICENSED THERMAL POWER(MWT): 3458
4. NAMEPLATE RATING (GROSS MWE): 1160
5. DESIGN ELECTRICAL RATING (NET MWE): 1105
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1145
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1105
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):
10. REASONS FOR RESTRICTIONS, IF ANY:

NOTES: THERE WERE NO LOAD DROPS
 GREATER THAN 20% THIS MONTH.

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	3,623	99,311
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3,623.0	83,750.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	3,548.0	82,308.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,569,118	12,095,999	257,850,162
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	848,300	4,018,500	84,090,280
18. NET ELECTRICAL ENERGY GENERATED (MWH)	819,239	3,888,247	80,821,344

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 352

DATE JUNE 12, 1997

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	100.0 %	97.9 %	82.9 %
20. UNIT AVAILABILITY FACTOR	100.0 %	97.9 %	82.9 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.6 %	97.1 %	76.6 %
22. UNIT CAPACITY FACTOR (USING DER NET)	99.6 %	97.1 %	76.6 %
23. UNIT FORCED OUTAGE RATE	.0 %	.0 %	4.0 %
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):			
25. IF SHUTDOWN AT THE END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:			
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATIONS):	FORECAST	ACHIEVED	
INITIAL CRITICALITY	12/19/84	12/22/84	
INITIAL ELECTRICITY	MID APRIL 85	04/13/85	
COMMERCIAL OPERATION	1ST QTR 86	02/01/86	

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 352
 UNIT NAME LIMERICK UNIT 1
 DATE JUNE 12, 1997
 COMPLETED BY FECO ENERGY COMPANY
 BRUCE E. CANFIELD
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3794

REPORT MONTH MAY, 1997

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
193	970503	S		B	4	N/A	HA	VALVEX	REACTOR POWER WAS REDUCED TO 98% DUE TO MAIN TURBINE VALVE TESTING.
194	970510	S		B	4	N/A	HA	VALVEX	REACTOR POWER WAS REDUCED TO 98% DUE TO MAIN TURBINE VALVE TESTING.
195	970517	S		B	4	N/A	HA	VALVEX	REACTOR POWER WAS REDUCED TO 98% DUE TO MAIN TURBINE VALVE TESTING.
196	970518	S		B	4	N/A	HB	VALVEX	REACTOR POWER WAS REDUCED TO 92% DUE TO MAIN STEAM VALVE TESTING.
197	970524	S		B	4	N/A	HA	VALVEX	REACTOR POWER WAS REDUCED TO 98% DUE TO MAIN TURBINE VALVE TESTING.
TOTAL HOURS									

(1)
 F - FORCED
 S - SCHEDULED

(2)
 REASON
 A - EQUIPMENT FAILURE (EXPLAIN)
 B - MAINTENANCE OR TEST
 C - REFUELING
 D - REGULATORY RESTRICTION
 E - OPERATOR TRAINING + LICENSE EXAMINATION
 F - ADMINISTRATIVE
 G - OPERATIONAL ERROR (EXPLAIN)
 H - OTHER (EXPLAIN)

(3)
 METHOD
 1 - MANUAL
 2 - MANUAL SCRAM
 3 - AUTOMATIC SCRAM
 4 - OTHER (EXPLAIN)

(4)
 EXHIBIT G - INSTRUCTIONS
 FOR PREPARATION OF DATA
 ENTRY SHEETS FOR LICENSEE
 EVENT REPORT (LER)
 FILE (NUREG-0161)

(5)
 EXHIBIT I - SAME SOURCE

Limerick Generating Station
Unit 2
May 1 through May 31, 1997

I. Narrative Summary of Operating Experiences

Unit 2 began the month of May 1997 at 23% rated thermal power (RTP) in power ascension from a main turbine generator outage.

On May 7, 1997 power was restored to 100% RTP at 0127 hours.

On May 17, 1997 at 0130 hours, power was reduced to 98% of RTP for main turbine valve testing. Power was restored to 100% RTP at 0230 hours.

On May 26, 1997 at 0130 hours, power was reduced to 98% of RTP for main turbine valve testing. Power was restored to 100% RTP at 0230 hours.

Unit 2 ended this operating period at 100% of RTP.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety Relief Valves during the month of May.

AVERAGE DAILY POWER LEVEL

DOCKET NO. 50 - 353
 UNIT LIMERICK UNIT 2
 DATE JUNE 12, 1997
 COMPANY PECO ENERGY COMPANY
 BRUCE E. CANFIELD
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3794

MONTH MAY, 1997

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	0
2	0
3	0
4	0
5	0
6	520
7	1094
8	1114
9	1119
10	1128
11	1126
12	1122
13	1130
14	1130
15	1126
16	1133

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	1129
18	1133
19	1120
20	1129
21	1129
22	1133
23	1125
24	1129
25	1130
26	1127
27	1139
28	1130
29	1130
30	1129
31	1121

OPERATING DATA REPORT

Docket NO. 50 - 353
 DATE JUNE 12, 1997
 COMPLETED BY PECO ENERGY COMPANY
 BRUCE E. CANFIELD
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3794

OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 2
 2. REPORTING PERIOD: MAY, 1997
 3. LICENSED THERMAL POWER(MWT): 3458
 4. NAMEPLATE RATING (GROSS MWE): 1163
 5. DESIGN ELECTRICAL RATING (NET MWE): 1115
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1155
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1115

NOTES:

THERE WERE NO LOAD DROPS
 GREATER THAN 20% THIS MONTH.

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):

10. REASONS FOR RESTRICTIONS, IF ANY:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	3,623	64,823
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2,982.8	59,010.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	626.0	2,719.6	57,658.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,205,574	8,379,993	184,804,737
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	711,100	2,755,400	61,145,680
18. NET ELECTRICAL ENERGY GENERATED (MWH)	686,813	2,654,613	58,959,344

OPERATING DATA REPORT (CONTINUED)

DOCKET NO. 50 - 353

DATE JUNE 12, 1997

	THIS MONTH	YR-TO-DATE	CUMULATIVE
19. UNIT SERVICE FACTOR	84.1 %	75.1 %	88.9 %
20. UNIT AVAILABILITY FACTOR	84.1 %	75.1 %	88.9 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	82.8 %	65.7 %	84.7 %
22. UNIT CAPACITY FACTOR (USING DER NET)	82.8 %	65.7 %	84.7 %
23. UNIT FORCED OUTAGE RATE	15.9 %	4.2 %	3.6 %
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):			
25. IF SHUTDOWN AT THE END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	PLANNED MAINT O		
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATIONS):	FORECAST	ACHIEVED	
INITIAL CRITICALITY	08/12/89	08/12/89	
INITIAL ELECTRICITY	09/01/89	09/01/89	
COMMERCIAL OPERATION	02/01/90	01/08/90	

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 353
 UNIT NAME LIMERICK UNIT 2
 DATE JUNE 12, 1997
 COMPLETED BY PECO ENERGY COMPANY
 BRUCE E. CANFIELD
 REPORTS ENGINEER
 SITE ENGINEERING
 LIMERICK GENERATING STATION
 TELEPHONE (610) 718-3794

REPORT MONTH MAY, 1997

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
177	970501	F	118.0	B	4	N/A	HA	GENERA	REACTOR POWER HAD BEEN REDUCED TO 23% AND THE MAIN TURBINE WAS OFF LINE FOR TURB GEN ALTEREX REPAIR.
178	970517	S		B	4	N/A	HA	VALVEX	REACTOR POWER WAS REDUCED TO 98% DUE TO MAIN TURBINE VALVE TESTING.
179	970526	S		B	4	N/A	HA	VALVEX	REACTOR POWER WAS REDUCED TO 98% DUE TO MAIN TURBINE VALVE TESTING.
TOTAL HOURS			118.0						

(1)
 F - FORCED
 S - SCHEDULED

(2)
 REASON
 A - EQUIPMENT FAILURE (EXPLAIN)
 B - MAINTENANCE OR TEST
 C - REFUELING
 D - REGULATORY RESTRICTION
 E - OPERATOR TRAINING + LICENSE EXAMINATION
 F - ADMINISTRATIVE
 G - OPERATIONAL ERROR (EXPLAIN)
 H - OTHER (EXPLAIN)

(3)
 METHOD
 1 - MANUAL
 2 - MANUAL SCRAM
 3 - AUTOMATIC SCRAM
 4 - OTHER (EXPLAIN)

(4)
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 EVENT REPORT (LER)
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(5)
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